	Application No.	Applicant(s)
Notice of Allowability	09/893,809	PRABHU ET AL.
	Examiner	Art Unit	
	LeChi Truong	2194	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed on 12/29/2006*.

2. ☒ The allowed claim(s) is/are *1-3, 5, 7, 8, 26-27 now renumbred as claims 1-8*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

Attachment(s)
1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

Examiner's Amendment

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided by

37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no

lather than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Himanshu S. Amin (Registration number: 40,894), on 1/15/2006.

3.   Amend the following claims:

        1.   (Currently amended) A system that facilitates interactions between a first

entity and a second entity, where the entities have a mismatched data type with at least

one aspect in common, the system comprising:

        a data type identifier that identifies whether the first entity and the second entity

have a mismatched resolvable data type; and

        a data type resolver that receives the mismatched resolvable data type from the

data type identifier and resolves interactions between the first entity and the second entity

by resolving the mismatched resolvable data type in accordance with the at least one

common aspect, the data type resolver comprising:

        a metadata reader that reads metadata associated with a resolvable data type and

identifies at least one common aspect in the resolvable data type, the resolvable data type

is associated with a proxy and is incrementally extensible;

a method identifying subsystem connected to the metadata reader, the method

identifying subsystem identifies a method associated with the resolvable data type; and

a method populating subsystem connected to the method identifying subsystem,

the method populating subsystem establishes a link to the method.

2.   (Original) The system of claim 1, where the first entity is a client and the

second entity is a server.

3.   (Previously Presented) The system of claim 1, where the at least one

common aspect comprises at least one of a data aspect and a behavior aspect.

4.   (Canceled).

5.   (Currently amended) The system of claim 1, where the data type resolver

comprises:

an attribute identifying subsystem that is connected to the metadata reader, the

attribute identifying subsystem identifies an attribute associated with a resolvable data

type; and

an attribute populating subsystem connected to the attribute identifying

subsystem, the attribute populating subsystem that establishes a value in the attribute;

6.   (Canceled)

7.   (Currently amended) The system of claim 1, where the resolvable data type is incrementally extensible on an as-needed basis.

8.   (Currently amended) A computer readable medium containing computer executable components for a system that facilitates interactions between two or more entities, where the entities have a mismatched data type with at least one common aspect, the components comprising:

a data type identifying component that identifies whether the first entity and the second entity have a mismatched resolvable data type; and

a data type resolving component that receives the mismatched resolvable data type from the data type identifier and resolves interactions between the first entity and the second entity by resolving the mismatched resolvable data type and creates a new data type that comprises the at least one common aspect, the data type resolver comprising:

a metadata reader that reads metadata associated with a resolvable data type and identifies at least one common aspect in the resolvable data type, the resolvable data type is associated with a proxy and is incrementally extensible;

a method identifying subsystem connected to the metadata reader, the method identifying subsystem identifies a method associated with the resolvable data type; and

a method populating subsystem connected to the method identifying subsystem, the method populating subsystem establishes a link to the method.

9-25   (Canceled).

26.   (Currently amended) A system for facilitating interaction between two or more entities, where the entities have a mismatched data type, the system comprising:

means for receiving during interaction between two or more entities a first data type that is a mismatched data type with a second data type;

means for employing metadata to determine whether a first object of a first data type has at least one aspect common to a second object of a second data type;

means for resolving the mismatched data type by producing a third object of a third data type during interaction between the two or more entities, the third data type is associated with a proxy and is incrementally extensible and comprises the at least one aspect common to the first data type and the second data type;

means for identifying a method associated with the resolvable data type; and

means for establishing a link to the method.

27.   (Previously presented) The system of claim 26, where the first data type is incrementally extensible on an as-needed basis.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (571) 272 3767. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomson, William can be reached on (571) 272 3718. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR of Public PAIP. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIP system, contact the Electronic Business

Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

January 24, 2006

WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

DETAILED ACTION

1.   This is in responding to the amendment filed 12/29/2006.

Allowable Subject Matter

2.   Claims 1, 3, 5, 7, 8, 26-27 are allowed.

3.   The following is an examiner's statement of reasons for allowance:

As to claims 1, 3, 5, 7, 8, 26-27, the prior art as taught by Kind (US. Patent

6,415,434 B1) and Hopmann do not teach on render obvious the limitations recited in

claims 1, 8, 26, when taken in the context of the claims as a whole, specific to identifies

at least one common aspect in the resolvable data type, the resolvable data type is

associated with a proxy and is incrementally extensible, identifies a method associated

with the resolvable data type and established a link to the method as recited in the

independent claims 1, 8, 26. Moreover, evidence for modifying the prior art teachings

by one of ordinary skill level in the art was not uncovered so as to result in the invention

as recited in claims 1, 8, 26.

4.   Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

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LeChi Truong

January 23, 2006